

thickness, crown height, crown angles, pavilion depth, pavilion angles, culet amount, and type of finish;

a processing device adapted to compute a pricing estimate for use in an evaluation report, based upon the gemstone data received; and

an output device adapted to communicate the evaluation report to the system user.

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8. (Amended) A fully automated gemstone evaluation system for which the presence of the actual gemstone is not required, comprising:

an input device adapted to receive predetermined gemstone data descriptive of the physical characteristics of the gemstone to be evaluated, supplied by a system user, of the type found on a gemstone laboratory grading certificate including cut type, weight, color, clarity, and cut proportions;

a processing device adapted to compute a fair market pricing estimate for use in an evaluation report, based upon the gemstone data received; and

an output device adapted to communicate the evaluation report to the system user.

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15. (Amended) A computerized method of producing a gemstone evaluation report, without the presence of the actual gemstone being required, said method comprising the steps of:

receiving predetermined data describing a gemstone, descriptive of the physical characteristics of the gemstone to be evaluated, supplied by a system user, of the type found on a gemstone laboratory grading certificate including cut type, weight, color, clarity, and cut proportions;

computing a fair market pricing estimate for the gemstone, based on the received data describing the gemstone;

generating an evaluation report including the pricing estimate; and

A3

communicating the evaluation report to the system user.

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18. (Amended) The method of claim 15, wherein said step of communicating the evaluation report to the user includes at least one of the steps of:

A4

- printing the evaluation report on a printer; and
- displaying the evaluation report on a display screen.

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